

DEVICE WITH DETACHABLE BATTERY MOUNTING

ABSTRACT

5 A battery mounting (100) is provided for use in a device from which the battery mounting (100) is detachable. The device has a board (101) with an opening (112) in which the battery mounting (100) is placeable and at least one power contact (138, 140) disposed on the cross-section of the board within the opening (112). The battery mounting (100) has a housing (104) for one or more battery cells (102). The battery
10 mounting (100) also has a clip (116) having a cammed surface (118) for cooperation with a portion of the board (101) and a lock (130) with a means for applying a force to the clip (116) for locking the battery mounting (100) in place in the opening (112). The battery mounting (100) also has at least one power contact (132, 134) for connecting the battery cells (102) to the at least one power contact (138, 140) on the board (101), wherein the
15 lock (130) provides a load in the engaging direction of the contacts (132, 134. 138, 140).